## SEQUENCE LISTING

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<110> Cohen, Stanley N.
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<120> MAMMALIAN TUMOR SUSCEPTIBILITY GENES AND
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<141> 2003-10-29
<150> US 09/804,690
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<150> US 09/146,187
<151> 1998-09-01
<150> US 08/977,818
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<150> US 08/670.274
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aat gtc atc gct atg tac aaa gat ctc aaa cct gta ttg gat tca tat
Asn Val Ile Ala Met Tyr Lys Asp Leu Lys Pro Val Leu Asp Ser Tyr
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156

204

252

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ggg Gly	aaa Lys	atc Ile	tac Tyr 100	cta Leu	cct Pro	tat Tyr	cta Leu	cat His 105	gac Asp	tgg Trp	aaa Lys	cat His	cca Pro 110	cgg Arg	tca Ser	396
										gtg Val						444
cct Pro	cca Pro 130	gtg Val	ttc Phe	tcc Ser	cgg Arg	cct Pro 135	act Thr	gtt Val	tct Ser	gca Ala	tcc Ser 140	tac Tyr	cca Pro	cca Pro	tac Tyr	492
aca Thr 145	gca Ala	aca Thr	ggg Gly	cca Pro	cca Pro 150	aat Asn	acc Thr	tcc Ser	tac Tyr	atg Met 155	cca Pro	ggc Gly	atg Met	cca Pro	agt Ser 160	540
gga Gly	atc Ile	tct Ser	gca Ala	tat Tyr 165	cca Pro	tct Ser	gga Gly	tac Tyr	cct Pro 170	ccc Pro	aac Asn	ccc Pro	agt Ser	ggt Gly 175	tat Tyr	588
cct Pro	ggc Gly	tgt Cys	cct Pro 180	tac Tyr	cca Pro	cct Pro	gct Ala	ggc Gly 185	cca Pro	tac Tyr	cct Pro	gcc Ala	aca Thr 190	aca Thr	agc Ser	636
tca Ser	cag Gln	tac Tyr 195	cct Pro	tcc Ser	cag Gln	cct Pro	cct Pro 200	gtg val	acc Thr	act Thr	gtt Val	ggt Gly 205	ccc Pro	agc Ser	aga Arg	684
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gtc Val 225	agt Ser	gac Asp	aaa Lys	ctg Leu	aga Arg 230	tgg Trp	cgg Arg	atg Met	aag Lys	gag G1u 235	gaa Glu	atg Met	gat Asp	ggt Gly	gcc Ala 240	780
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cta Leu	agt Ser 290	tct Ser	gct Ala	ctg Leu	gag Glu	aaa Lys 295	atg Met	gaa Glu	aat Asn	caa Gln	tct Ser 300	gaa Glu	aat Asn	aat Asn	gat Asp	972
att Ile 305	gat Asp	gaa Glu	gtt Val	atc Ile	att Ile 310	ccc Pro	aca Thr	gcc Ala	Pro	ctg Leu 315	Tyr	aaa Lys	cag Gln	att Ile	cta Leu 320	1020

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                                                330
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Gly Glu Ala Leu Arg Arg Gly Val Ile Asp Leu Asp Val Phe Leu Lys
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                                                                                       1164
His Val Arg Leu Leu Ser Arg Lys Gln Phe Gln Leu Arg Ala Leu Met
355 360 365
caa aag gca agg aag act gcg ggc ctt agt gac ctc tac tgacatgtgc Gln Lys Ala Arg Lys Thr Ala Gly Leu Ser Asp Leu Tyr 370\,
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265
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Leu Ser Ser Ala Leu Glu Lys Met Glu Asn Gln Ser Glu Asn Asn Asp
290 295 300
Ile Asp Glu Val Ile Ile Pro Thr Ala Pro Leu Tyr Lys Gln Ile Leu
305 310 315 320
Asn Leu Tyr Ala Glu Glu Asn Ala Ile Glu Asp Thr Ile Phe Tyr Leu
Gly Glu Ala Leu Arg Arg Gly Val Ile Asp Leu Asp Val Phe Leu Lys
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                                                                                        1080
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100 105 110 Tyr Leu His Glu Trp Lys His Pro Gln Ser Asp Leu Leu Gly Leu Ile 115 120 125 Gln Val Met Ile Val Val Phe Gly Asp Glu Pro Pro Val Phe Ser Arg 130 135 140 Gly Tyr Pro Pro Asn Pro Ser Gly Tyr Pro Gly Cys Pro Tyr Pro 180 185 190 Gly Gly Pro Tyr Pro Ala Thr Thr Ser Ser Gln Tyr Pro Ser Gln Pro 195 200 205 Pro Val Thr Thr Val Gly Pro Ser Arg Asp Gly Thr Ile Ser Glu Asp 210 215 220 Thr Ile Arg Ala Ser Leu Ile Ser Ala Val Ser Asp Lys Leu Arg Trp 225 230 235 Arg Met Lys Glu Glu Met Asp Arg Ala Gln Ala Glu Leu Asn Ala Leu 245 250 \_ \_ 255 \_ Lys Arg Thr Glu Glu Asp Leu Lys Lys Gly His Gln Lys Leu Glu Glu 260 270 Met Val Thr Arg Leu Asp Gln Glu Val Ala Glu Val Asp Lys Asn Ile 275 280 285 Glu Leu Leu Lys Lys Lys Asp Glu Glu Leu Ser Ser Ala Leu Glu Lys 290 \_ \_ 295 \_ 300 Met Glu Asn Gln Ser Glu Asn Asn Asp Ile Asp Glu Val Ile Ile Pro 305 310 315 320 Thr Ala Pro Leu Tyr Lys Gln Ile Leu Asn Leu Tyr Ala Glu Glu Asn 325 330 335 Ala Ile Glu Asp Thr Ile Phe Tyr Leu Gly Glu Ala Leu Arg Arg Gly 340 345 350 Val Ile Asp Leu Asp Val Phe Leu Lys His Val Arg Leu Leu Ser Arg 355 360 365 Lys Gln Phe Gln Leu Arg Ala Leu Met Gln Lys Ala Arg Lys Thr Ala 370 375 380 Gly Leu Ser Asp Leu Tyr 385 390

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Val Phe Asn Asp Gly Ser Ser Arg Glu Leu Met Asn Leu Thr Gly Thr
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Ile Pro Val Pro Tyr Arg Gly Asn Thr Tyr Asn Ile Pro Ile Cys Leu 50 55 60
Trp Leu Leu Asp Thr Tyr Pro Tyr Asn Pro Pro Ile Cys Phe Val Lys
65 70 75 80
Pro Thr Ser Ser Met Thr Ile Lys Thr Gly Lys His Val Asp Ala Asn
85 90 95
Gly Lys Ile Tyr Leu Pro Tyr Leu His Glu Trp Lys His Pro Gln Ser
100 105 110
Asp Leu Leu Gly Leu Ile Gln Val Met Ile Val Val Phe Gly Asp Glu
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                                                   125
Pro Pro Val Phe Ser Arg Pro Ile Ser Ala Ser Tyr Pro Pro Tyr Glm
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